

MAY 14 2001

PAGE 1 OF 2

PATENT & TRADEMARK OFFICE

ATTORNEY'S DOCKET NO.

TI-29893

APPLICATION FOR UNITED STATES PATENT

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described and claimed in U.S. Patent Application Serial Number 09/711,025, filed on November 9, 2000; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

| |
|---|
| TITLE OF INVENTION: EFFICIENT EQUALIZATION FOR DETECTION OF SYMBOLS IN DIGITAL BURST TRANSMISSIONS |
|---|

POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

W. James Brady III, Reg. No. 32,080
J. Dennis Moore, Reg. No. 28,885
Fredrick J. Telecky, Jr., Reg. No. 29,979

Jay Cantor, Reg. No. 19,906
Mark Courtney, Reg. No. 36,491
William Kempler, Reg. No. 28, 228

| | |
|--|---|
| SEND CORRESPONDENCE TO: J. Dennis Moore Texas Instruments Incorporated, P. O. Box 655474, M/S 3999 Dallas, Texas 75265 | DIRECT TELEPHONE CALLS TO: J. Dennis Moore (972) 917-5646 |
|--|---|

| | | |
|--|---------------------------------------|---------------------------------------|
| NAME OF INVENTOR: Liran Brecher | NAME OF INVENTOR: Yigal Bitran | NAME OF INVENTOR: Melamed Oded |
|--|---------------------------------------|---------------------------------------|

| | | |
|--|---|--|
| Post Office Address 18 Dov Mimzeritz Street Yafo, Israel 68045 | Post Office Address 26 Alterman Street Tel Aviv, Israel 62998 | Post Office Address 59 Tarshish Street Shoam, Israel 42463 |
|--|---|--|

| | | |
|---------------------------------------|---------------------------------------|---------------------------------------|
| COUNTRY OF CITIZENSHIP: Israel | COUNTRY OF CITIZENSHIP: Israel | COUNTRY OF CITIZENSHIP: Israel |
|---------------------------------------|---------------------------------------|---------------------------------------|

| | | |
|--|--|---|
| SIGNATURE OF INVENTOR: <i>x Liran Brecher</i> | SIGNATURE OF INVENTOR: <i>x</i> | SIGNATURE OF INVENTOR: <i>x Oded Melamed</i> |
|--|--|---|

| | | |
|--|-----------------------------------|-----------------------------------|
| DATE: <i>x December 14 2000</i> | DATE: <i>x DEC-14-2000</i> | DATE: <i>x Dec-14-2000</i> |
|--|-----------------------------------|-----------------------------------|

ATTORNEY'S DOCKET NO.

TI-29893

APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor if only one name is listed below, or an original, first and joint inventor if plural inventors are named below, of the subject matter which is claimed and for which a patent is sought on the invention entitled as set forth below, which is described and claimed in U.S. Patent Application Serial Number 09/711,025, filed on November 9, 2000; that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration; that no application for patent or inventor's certificate on this invention has been filed by me or my legal representatives or assigns in any country foreign to the United States of America; and that I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, section 1.56(a);

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

TITLE OF INVENTION: EFFICIENT EQUALIZATION FOR DETECTION OF SYMBOLS IN DIGITAL BURST TRANSMISSIONS

POWER OF ATTORNEY: I HEREBY APPOINT THE FOLLOWING ATTORNEYS TO PROSECUTE THIS APPLICATION AND TRANSACT ALL BUSINESS IN THE PATENT AND TRADEMARK OFFICE CONNECTED THEREWITH

W. James Brady III, Reg. No. 32,080
J. Dennis Moore, Reg. No. 28,885
Fredrick J. Telecky, Jr., Reg. No. 29,979

Jay Cantor, Reg. No. 19,906
Mark Courtney, Reg. No. 36,491
William Kempler, Reg. No. 28, 228

| | | |
|---|-----|--|
| SEND CORRESPONDENCE TO: J. Dennis Moore Texas Instruments Incorporated, P. O. Box 655474, M/S 3999 Dallas, Texas 75265 | | DIRECT TELEPHONE CALLS TO: J. Dennis Moore (972) 917-5646 |
| NAME OF INVENTOR: Naftali Sommer | (4) | NAME OF INVENTOR: () |
| Post Office Address 3 Chletz Street Rishon Lezion, Israel 75222 | | Post Office Address |
| COUNTRY OF CITIZENSHIP: Israel | | COUNTRY OF CITIZENSHIP: |
| SIGNATURE OF INVENTOR: <i>x Naftali Sommer</i> | | SIGNATURE OF INVENTOR: |
| DATE: <i>x December 19th, 2000</i> | | DATE: |